

**TECHNICAL MEMORANDUM**

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FROM Steven J. Padovani - RI Lead

SUBJECT: EPA ARCS Region V Contract No. 68-W8-0093
EPA Work Assingment No. 17-5L4J
Sec Donohue Project No. 20026.030
Himco Dump-TL5 Leachate Analytical Results

Introduction

This Technical Memorandum (TM) presents information concerning the leachate sampled from test pit TL5. Information in this TM describes the physical aspects and the analytical results of the leachate.

Test pit TL5 was excavated at the Himco Dump Site in Elkhart, Indiana, on September 13, 1991. The general location of TL5 is shown in the attached Figure 2-3 generated for the RI report. The exact coordinates of TL5 is as follows:

<u>NORTHING (FT.)</u>	<u>EASTING (FT.)</u>
1,532,223	406,254

Physical Aspects

Excavation of TL5 revealed a reddish brown leachate which separated into two phases. The top phase retained its red/brown color. The bottom phase was a cloudy yellow color. A picture of these two phases is included in Attachment 1. Solid waste observed in TL5 included two drums, asphalt, wood and plastic.

TL5 was excavated to an approximate depth of 12 feet. The red/brown leachate was observed to be seeping into the trench at a depth of approximately 6 feet. A copy of the trench log is included in Attachment 2.

Analytical Results

Leachate from TL5 was sampled and analyzed for VOCs, BNAs, PCB/pesticides, total metals/CN, and water quality. The two phases were analyzed separately for VOCs and BNAs. Pesticides/PCBs, total metals/CN, and water quality were analyzed with the two phases mixed. A complete report of analytical data above detection limits are included in Attachment 3.

Tables 1, 2, 3 and 4 summarize the analytical results of TL5 leachate. No pesticides or PCBs were detected in TL5 leachate.

A/R/HIMCO/AO1